

## CLAIMS

The invention claimed is:

1. A wireless receiver having equipment for receiving and detecting at least one transmission instance of a digital signature having a correlated audio-video segment for processing by a central processing unit with programmable stored instructions including the steps of:
  - determining if said transmission instance of said digital signature has at least one conditional preference comprised of at least one conditional expression and an associated action;
  - automatically initiating execution of said associated action upon said conditional expression evaluating to a logically true state.
2. A receiver as claimed in claim 1 further comprising an electronic user interface comprising a function control for associating at least a first captured digital signature and an associated interrupt priority for a currently active digital signature to said conditional preference.
3. A receiver as claimed in claim 1 wherein said central processing unit with programmable stored instructions further including the steps of:
  - seeking a correlated audio-video segment having a higher interrupt-priority value higher than said currently playing audio-video segment;
  - automatically substituting said currently playing audio-video segment with said correlated audio-

video segment having said higher interrupt-priority  
higher value.

4. A receiver as claimed in claim 3, wherein said currently  
playing audio-video segment and associated interrupt-  
priority value are derived from an internal playing  
component.
5. A receiver as claimed in claim 4, wherein said internal  
playing component is a disk player.
6. A receiver as claimed in claim 1 wherein said receiver is  
a mobile radio.
7. A receiver as claimed in claim 1 wherein said receiver is  
a television.
8. A receiver as claimed in claim 1 wherein said receiver is  
a cellular phone.
9. A receiver as claimed in claim 1 wherein said conditional  
preference is transferred bi-directionally between said  
receiver and a smart card.
10. A receiver as claimed in claim 1 wherein said conditional  
preference is transferred bi-directionally between said  
receiver and an infrared equipped device.
11. A receiver as claimed in claim 2 further providing  
means for interpolating geographical information from a  
GPS interface unit and geographical coordinates  
identified by said currently active digital signature for  
displaying geographical locations and directions within  
said electronic user interface.
12. A receiver as claimed in claim 13 wherein geographical  
information is received from triangulation of cellular  
cells for a cellular device.

13.A receiver as claimed in claim 1 further including the step of assigning multiple conditional preferences to said digital signature.

14.A receiver as claimed in claimed 1, wherein said associated action of said conditional preference is communicatively coupled between said receiver and an infrared equipped device.

15.A receiver as claimed in claimed 1, further including the step of determining to automatically initiate a seek and search for an alternative audio-video segment upon said receiver receiving said audio-video segment having an associated negative interrupt-priority value.

16. A Digital Correlator with digital and analog processing capabilities having a language decoder correlating the output of at least one digital signature to an audio-video segment duration of time; comprising:

a Synchronizer receiving timing information from a timing device to determine a non-conflicting transmission time for said digital signature within said audio-video segment duration of time;  
said Synchronizer with means for outputting said digital signature to a digital distributing device within said audio-video segment duration of time;

17.A Digital Correlator as claimed in claim 16 wherein the language decoder is an Extended Broadcast Language Decoder.

18.A Digital Correlator as claimed in claim 16 wherein the language decoder is a Transmission Specific Signature Syntax Builder further comprising the steps of:

5 dynamically outputting a real-time broadcast  
digital signature for said Synchronizer;  
said Synchronizer determines a non-conflicting  
transmission time for the real-time broadcast  
digital signature within said audio-video segment  
duration of time.

19.A Digital Correlator as claimed in claim 16 wherein the  
digital distributing device is a transmitter.

10 20.A Digital Correlator as claimed in claim 16 wherein the  
digital distributing device is a CD-ReWriteable device.

21.A Digital Correlator as claimed in claim 16 wherein the  
timing device is said audio-video output device sending a  
start signal and stop signal to said Synchronizer.

15 22.A Digital Correlator as claimed in claim 16 further  
including the step of determining a set of non-  
conflicting transmission times for continuously repeating  
transmission of said digital signature within the context  
of the broadcast program.

20 23.A transmitter having equipment for transmitting on a  
transmission medium at least one transmission instance of  
a digital signature correlated to at least one audio-  
video segment.

25 24.A transmitter as claimed in claimed 23 wherein said  
digital signature is transmitted on a separate  
transmission medium than the audio-video segment.

25.A transmitter as claimed in claim 23 wherein said digital  
signature identifies a song title.

26.A transmitter as claimed in claim 23 wherein said digital  
signature identifies an artist of a song.

27.A transmitter as claimed in claim 23 wherein said digital  
signature identifies a movie title.

28.A transmitter as claimed in claim 23 wherein said digital  
signature identifies a cast.

5 29.A transmitter as claimed in claim 23 wherein said digital  
signature identifies a channel to play.

30.A transmitter as claimed in claim 23 wherein said digital  
signature identifies a morality of play.

31. A transmitter as claimed in claim 23 wherein said  
10 digital signature identifies a UTC for play.

32.A transmitter as claimed in claim 23 wherein said digital  
signature identifies a critic identifier.

33.A transmitter as claimed in claim 23 wherein said digital  
signature identifies a critic rating.

15 34.A transmitter as claimed in claim 23 wherein said digital  
signature specifies electronic commerce information.

35.A transmitter as claimed in claim 23 wherein said digital  
signature identifies a commercial identifier.

36. A transmitter as claimed in claim 23 wherein said  
20 digital signature identifies a product code.

37.A transmitter as claimed in claim 23 wherein said digital  
signature identifies a product price.

38.A transmitter as claimed in claim 23 wherein said digital  
signature identifies a price to play.

25 39. A transmitter as claimed in claim 23 wherein said  
digital signature identifies a URL.

40.A transmitter as claimed in claim 23 wherein said digital  
signature identifies an interrupt-priority value.

41.A transmitter as claimed in claim 23 wherein said digital

signature identifies a coupon identifier.

42.A transmitter as claimed in claim 23, wherein said  
digital signature identifies geographical coordinates.

43. A transmitter as claimed in claim 23, wherein said  
transmission medium is a television broadcast band.

44.A transmitter as claimed in claim 23, wherein said  
transmission medium is a distributed computer network.

45.A transmitter as claimed in claim 23, wherein said  
transmission medium is a Wireless Application Protocol  
medium.

46. A first computer having digital processing capabilities  
for transmitting at least one digital signature  
correlated to a data stream over a distributed computer  
network to at least second computer wherein said second  
computer having a central processing unit with  
programmable stored instructions including the steps of:  
receiving said digital signature and said data stream;  
associating at least one captured instance of said  
digital signature to a conditional preference  
comprised of at least one conditional expression and  
an associated action;  
automatically initiating execution of said associated  
action upon said conditional expression evaluating to  
a logically true state.